

EAST Search History**EAST Search History (Prior Art)**

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|---|------------------|---------|---------------------|
| S3 | 16 | (procter adj gamble).as. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/20 11:33 |
| S4 | 3 | (procter).as. and (robotic).ti. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/20 11:34 |
| S6 | 18 | sanyo.as. and (robot with cleaning).ti. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/20 11:44 |
| S7 | 4 | ("5896488" "2002156556").pn. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/20 11:50 |
| S8 | 1 | ("20020156556").pn. | US_PGPUB; USPAT | OR | ON | 2010/04/20 11:51 |
| S9 | 5113 | (clean\$3) with robot | US_PGPUB; USPAT | OR | ON | 2010/04/20 12:36 |
| S10 | 365 | (clean\$3) with robot and ((mark\$3) with (floor surface ground wall)) | US_PGPUB; USPAT | OR | ON | 2010/04/20 12:53 |
| S11 | 167 | (clean\$3) with robot and ((mark\$3) with (floor surface ground wall)) with (remov\$3 appl\$3 treat\$3 clean\$3)) | US_PGPUB; USPAT | OR | ON | 2010/04/20 12:55 |
| S12 | 1334 | 134/18.ccls. | US_PGPUB; USPAT | OR | ON | 2010/04/21 09:27 |
| S13 | 1880 | (134/18,31,38 701/23,25,26).ccls. and ((treat\$4 clean\$3) with (ground floor surface)) | US_PGPUB; USPAT | OR | ON | 2010/04/21 10:22 |

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| S14 | 91 | (134/18,31,38 701/23,25,26).ccls. and ((treat\$4 clean\$3 mark \$3) with (ground floor surface)) and map and ((treat\$4 clean\$3 mark \$3) with (symbol line shape character color)) | US_PGPUB; USPAT | OR | ON | 2010/04/21 10:26 |
| S17 | 4 | ("5529432" "20050055142").pn. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/21 12:57 |
| S18 | 15 | ("4564410" "4584964" "4856931" "4865257" "4880663" "4979380" "5294798" "5316219" "5348585").PN. OR ("5529432").URPN. | US_PGPUB; USPAT; USOCR | OR | ON | 2010/04/21 12:58 |
| S19 | 8 | (134/18,31,38 701/23,25,26).ccls. and ((path route) with cad) | US_PGPUB; USPAT | OR | ON | 2010/04/21 17:54 |
| S20 | 207 | (134/18,31,38 701/23,25,26).ccls. and ((recognition recogniz\$3) with (object material)) | US_PGPUB; USPAT | OR | ON | 2010/04/21 17:58 |
| S21 | 14 | (134/18,31,38 701/23,25,26).ccls. and ((recognition recogniz\$3) with (object material) with (reflect\$3)) | US_PGPUB; USPAT | OR | ON | 2010/04/21 17:58 |
| S22 | 242 | (134/18,31,38 701/23,25,26).ccls. and ((object material) with (reflect\$5)) | US_PGPUB; USPAT | OR | ON | 2010/04/22 09:56 |
| S23 | 4 | (134/18,31,38 701/23,25,26).ccls. and (object with material with reflect\$5) | US_PGPUB; USPAT | OR | ON | 2010/04/22 10:28 |
| S24 | 16 | (object with material with reflect\$5 with recognition) | US_PGPUB; USPAT | OR | ON | 2010/04/22 10:52 |
| S25 | 189 | (thermal with object with (recognition recogniz\$3)) | US_PGPUB; USPAT | OR | ON | 2010/04/22 10:59 |
| S26 | 23 | (thermal with object with (recognition recogniz\$3)) same material | US_PGPUB; USPAT | OR | ON | 2010/04/22 11:00 |

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| S27 | 744 | ((134/18,31,38 701/23,25,26).ccls. and ((object obstacle animal human person debris) near5 (remov\$3 clear\$3 temporal temporary)) | US-PGPUB; USPAT | OR | ON | 2010/04/22 11:04 |
| S28 | 231 | ((134/18,31,38 701/23,25,26).ccls. and ((object obstacle animal human person debris) near5 (remov\$3 clear\$3 temporal temporary)) and (clean\$3 treat\$3) and (track\$3 monitor\$3) | US-PGPUB; USPAT | OR | ON | 2010/04/22 11:13 |
| S29 | 16 | ((134/18,31,38 701/23,25,26).ccls. and ((object obstruction obstacle animal human person debris) near5 (remov\$3 clear\$3 temporal temporary moved)) same (clean\$3 treat\$3) same (track\$3 monitor\$3) | US-PGPUB; USPAT | OR | ON | 2010/04/22 11:13 |
| S30 | 15 | ((134/18,31,38 701/23,25,26).ccls. and (((object obstruction obstacle animal human person debris) near5 (remov\$3 clear\$3 temporal temporary moved)) same (track\$3 monitor\$3)) and (robot) | US-PGPUB; USPAT | OR | ON | 2010/04/22 11:16 |
| S31 | 32 | ((134/18,31,38 701/23,25,26).ccls. and (((object obstruction obstacle animal human person debris) near5 (remov\$3 clear\$3 moved)) with (check\$3 updat\$3 track\$3 monitor \$3 detect\$3)) and (robot) | US-PGPUB; USPAT | OR | ON | 2010/04/22 11:21 |
| S32 | 135 | ((134/18,31,38 701/23,25,26).ccls. and (((object obstruction obstacle debris) near5 (remov\$3 clear\$3 moved))) and (robot) not (S29 S30 S31) | US-PGPUB; USPAT | OR | ON | 2010/04/22 11:26 |

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| S33 | 47 | (134/ 18,31,38 701/23,25,26).ccls. and (((object obstruction obstacle debris) near5 (remov\$3 clear\$3 moved))) and (robot with (clean\$3 treat\$3)) not (S29 S30 S31) | US-PGPUB; USPAT | OR | ON | 2010/04/22 11:27 |
| S34 | 1994 | (reflective adj tape) | US-PGPUB; USPAT | OR | ON | 2010/04/22 11:44 |
| S35 | 2 | (reflective adj tape) same (signal with strength\$5) | US-PGPUB; USPAT | OR | ON | 2010/04/22 11:45 |
| S36 | 4 | (reflective adj tape) same (signal with strong \$2) | US-PGPUB; USPAT | OR | ON | 2010/04/22 11:46 |

4/ 23/ 2010 12:18:20 PM

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Robot System Method and Computer Program Product.wsp